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Application Number	10/601,036
Filing Date	June 19, 2003
First Named Inventor	Wood, Kenneth W.
Art Unit	
Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number: 020552-003330US

ENCLOSURES ***(Check all that apply)***

☐ Fee Transmittal Form	☐ Drawing(s)	☐ After Allowance Communication to Group
☐ Fee Attached	☐ Licensing-related Papers	☐ Appeal Communication to Board of Appeals and Interferences
☐ Amendment/Reply	☐ Petition	☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
☐ After Final	☐ Petition to Convert to a Provisional Application	☐ Proprietary Information
☐ Affidavits/declaration(s)	☐ Power of Attorney, Revocation Change of Correspondence Address	☐ Status Letter
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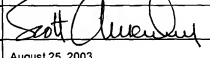
Signature	
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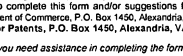
Signature		Date	August 25, 2003

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TOWNSEND and TOWNSEND and CREW LLP

By: Nicole M. Burke

PATENT
Attorney Docket No.: 020552-003330US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Examiner: not yet known
Kenneth Wood et al.	Art Unit: not yet known
Application No.: 10/601,036	INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 and §1.98
Filed: 06/19/2003	
For: METHODS OF SCREENING FOR MODULATORS OF CELL PROLIFERATION	

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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of all references, except for references A3, A4, C1, C12, and C34, can be found in Application No. 09/428,156, filed 10/27/1999 (Attorney Docket No. 020552-003300US). References A3, A4, C1, C12 and C34 are submitted herewith. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

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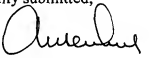

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known
Application Number	10/601,036
Filing Date	06/19/2003
First Named Inventor	Wood, Kenneth W., et. al.
Art Unit	
Examiner Name	
Attorney Docket Number	020552-003330US

U.S. PATENT DOCUMENTS

Examiner	Cite No.[1]	Document Number Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-6,207,403	03-27-2001	Goldstein et al.	
	A2	US-6,410,254	06-25-2002	Finer et al.	
	A3	US-6,414,121 B1	07-02-2002	Wood et al.	
	A4	US-6,437,115 B1	08-20-2002	Wood et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]	Number[4]	Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	B1	PCT	WO 95/18857		07/13/1995			☐
	B2	PCT	WO 99/34806		07/15/1999			☐
	B3	PCT	WO 00/07017		02/10/2000			☐
	B4	PCT	WO 00/63353		10/26/2000			☐
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	C1	BARTON "Protein Alignment and Database Scanning", Protein Structure Prediction, A Practical Approach, 1996, pp. 31-63, IRL Press at Oxford University Press, Oxford, UK.	
	C2	BLANGY et al. "Phosphorylation by p34cdc2 protein kinase regulates binding of the kinesin-related motor HsEg5 to the dynactin subunit p150", *Journal of Biol. Chem.*, 1997, pp. 19418-19424, Vol. 272.	
	C3	BLANGY et al. "Rigor-type mutation in the kinesin-related protein HsEg5 changes its subcellular localization and induces microtubule bundling", *Cell Motil Cytoskeleton*, 1998, pp. 174-182, Vol. 40.	
	C4	BLANGY, et al. "Phosphorylation by p34cdc2 regulates spindle association of human Eg5, a kinesin-related motor essential for bipolar spindle formation in vivo", *Cell*, 1995, pp. 1159-1169, Vol. 83	
	C5	BURGESS, WILSON H., et al.; Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue; *The Journal of Cell Biology*; November 1990; pp 2129-2138; Volume 111	
	C6	COLE et al. "A 'slow' homotetrameric kinesin-related motor protein purified from *Drosophila* embryos", *J. Biol. Chem.*, 1994, pp. 22913-22916, Vol. 269.	
	C7	CREVEL et al. "Kinetic evidence for low chemical processivity in ncd and Eg5", *J. Mol. Biol.*, 1997, pp. 160-170, Vol. 273.	
	C8	DESAI et al. "Kin I kinesins are microtubule destabilizing enzymes", *Cell*, 1999, pp. 69-78, Vol. 96.	
	C9	DRUMMOND et al. "Mutations in the bimC box of Cut7 indicate divergence of regulation within the bimC family of kinesin related proteins", *Journal of Cell Science*, 1998, pp. 853-865, Vol. 111.	
	C10	GAGLIO et al. "Opposing motor activities are required for the organization of the mammalian mitotic spindle pole", *Journal of Cell. Biology*, 1996, pp. 399-414, Vol. 135.	
	C11	GEIT et al. "The Xenopus laevis aurora-related protein kinase pEg2 associates with and phosphorylates the kinesin-related protein XlEg5", *J. Biol. Chem.*, 1999, pp. 15005-15013, Vol. 274.	
	C12	GEORGE et al. "Current Methods in Sequence Comparison and Analysis", Macromolecular Sequencing and Synthesis, Selected Methods and Applications, 1988, pp. 127-149, Alan R. Liss, Inc.	
	C13	GOLDSTEIN "With apologies to Scheherazade: Tails of 1001 kinesin motors", *Annu. Rev. Genet.*, 1993, pp. 319-351, Vol. 27.	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	C14	HACKNEY "The rate-limiting step in microtubule-stimulated ATP hydrolysis by dimeric kinesin head domains occurs while bound to the microtubule", *J. Biol. Chem.*, 1994, pp. 16508-16511, Vol. 269.	
	C15	HECK et al. "The kinesin-like protein KLP61F is essential for mitosis I Drosophila", *Journal of Cell. Biology*, 1993, pp. 665-679, Vol. 123.	
	C16	HOPKINS, SETH C. et al. "Inhibitors of Kinesin Activity from Structure-Based Computer Screening", *Biochemistry*, February 18, 2000; pp. 2805-2814, Vol. 39.	
	C17	HOYT et al. "Two S. cerevisiae kinesin-related gene products required for mitotic spindle assembly", *Journal of Cell. Biology*, 1992, pp. 109-120, Vol. 118.	
	C18	INOUE, YUICHI, et al; Movements of truncated kinesin fragments with a short or an artificial flexible neck; *Proc Natl. Acad, Sci. USA*; July 1997; pp. 7275-7280; Volume 94	
	C19	KAISER et al. "All-trans-Retonic Acid-mediated Growth Inhibition Involves Inhibition of Human Kinesin-related Protein HsEg5", *The Journal of Biological Chemistry*, July 2, 1999; pp. 18925-18931, Vol. 274, No. 27.	
	C20	KAPOOR et al. "Allele-specific activators and inhibitors for kinesin", *Proc. Natl. Acad. Sci.*, 1999, pp. 9106-9111, Vol. 96, USA.	
	C21	KASHINA et al. "The bimC family of kinesins: essential bipolar mitotic motors driving centrosome separation", *Biochim. Biophys. Acta*, 1997, pp. 257-271, Vol. 1357.	
	C22	KASHINA et al., "A bipolar kinesin", *Nature*, 1996, pp. 270-272, Vol. 379.	
	C23	LAZAR, ELIANE, et al.; Transforming Growth Factor α: Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities; *Molecular and Cellular Biology*; March 1988; pp. 1247-1252; Volume 8,No. 3	
	C24	LE GUELLEC et al. "Cloning by differential screening of a *Xenopus* cDNA that encodes a kinesin-related protein", *Mol. Cell Biol.*, 1991, pp. 3395-3398, Vol. 11	
	C25	LIN, MICHAEL C., et al; Structure Function Relationships in Glucagon: Properties of Highly Purified Des-His^1-, Monoiodo-, and [Des-Asn^{28}, Thr^{29}] (homoserine lactone^{27})-glucagon; *Biochemistry*; 1975; pp 1559-1563; Volume 14, No. 8	
	C26	LOCKHART et al. "Kinetics and motility of the Eg5 microtubule motor", *Biochemistry*, 1996, pp. 2365-2373, Vol. 35.	

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	C27	MAYER, THOMAS U. et al. "Inhibitor of Mitotic Spindle Bipolarity Identified in a Phenotype-Based Screen", *Science*, October 26, 1999; pp. 971-974, Vol. 286.	
	C28	RIEGER et al. Glossary of Genetics and Cytogenetics, pp. 17-18, 1976	
	C29	ROOF et al. "Kinesin-related proteins required for assembly of the mitotic spindle", *Journal of Cell. Biology*, 1992, pp. 95-108, Vol. 188.	
	C30	SAWIN et al. "Mitotic spindle organization by a plus-end-directed microtubule motor", *Nature*, 1992, pp. 540-543, Vol. 359.	
	C31	SAWIN et al. "Mutations in the kinesin-like protein disrupting localization to the mitotic spindle", *Proc. Natl. Acad. Sci.*, 1995, pp. 4289-4293, Vol. 92, UDS.	
	C32	SCHWARTZ, GERALD P., et al.; A superactive insulin: [B10-Aspartic acid] insulin (human); *Proc. Natl. Acad. Sci USA*; September 1987; pp. 6408-6411; Volume 84	
	C33	SHARP et al. "The bipolar kinesin, KLP61F, cross-links microtubules within interpolar microtubule bundles of Drosophila embryonic mitotic spindles", *Journal of Cell. Biology*, 1999, pp. 125-138, Vol. 144.	
	C34	SKOLNICK et al. "From genes to protein structure and function: novel applications of computational approaches in the genomic era", TIBTECH, 2000, pp. 34-39, Vol. 18	
	C35	WALCZAK et al. "A model for the proposed roles of different microtubule-based motro proteins in establishing spindle polarity", *Curr. Biol.*, 1998, pp. 903-913, Vol. 8.	
	C36	WALCZAK et al. "XKCM1: A Xenopus kinesin-related protein that regulates microtubule dynamics during mitotic spindle assembly", *Cell*, 1996, pp. 37-47, Vol. 84.	
	C37	WHITEHEAD et al. "Expanding the role of HsEg5 within the mitotic and post-mitotic phases of the cell cycle", *Journal of Cell.* Science, 1998, pp. 2551-2561, Vol. 111.	
	C38	WHITEHEAD et al. "The spindle kinesin-like protein HsEg5 is an autoantigen in systemic lupus erythematosus", *Arthritis and Rheumatism*, 1996, pp. 1635-1642, Vol. 39.	
	C39	WHITEHEAD et al., GenBank Accession Number U37426, versions 1151084 and 1171152, 1995.	

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